

Table C-72. Federal obligations for applied research performed at universities and colleges, by detailed field of science and engineering: fiscal years 1995, 1996, and 1997

[Dollars in thousands]

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Field of science and engineering	1995	Preliminary	
		1996	1997
Total, all fields	3,062,754	2,830,312	3,087,270
Life sciences, total	1,954,470	1,858,183	2,072,889
Biological (excluding environmental)	768,806	NA	NA
Environmental biology	63,002	NA	NA
Agricultural	77,255	NA	NA
Medical	968,304	NA	NA
Life sciences, n.e.c.	77,103	NA	NA
Psychology, total	116,979	110,435	128,003
Biological aspects	691	NA	NA
Social aspects	9,445	NA	NA
Psychological sciences, n.e.c.	106,843	NA	NA
Physical sciences, total	217,632	142,230	144,016
Astronomy	26,039	NA	NA
Chemistry	49,650	NA	NA
Physics	134,174	NA	NA
Physical sciences, n.e.c.	7,769	NA	NA
Environmental sciences, total	51,833	43,892	38,357
Atmospheric	10,543	NA	NA
Geological	13,484	NA	NA
Oceanography	6,982	NA	NA
Environmental sciences, n.e.c.	20,824	NA	NA
Mathematics & computer sciences, total	199,808	181,195	177,055
Mathematics	14,189	NA	NA
Computer sciences	176,512	NA	NA
Mathematics & computer sciences, n.e.c.	9,107	NA	NA
Engineering, total	299,869	297,228	302,825
Aeronautical	10,020	NA	NA
Astronautical	6,067	NA	NA
Chemical	30,262	NA	NA
Civil	15,630	NA	NA
Electrical	35,787	NA	NA
Mechanical	21,911	NA	NA
Metallurgy & materials	59,616	NA	NA
Engineering, n.e.c.	120,576	NA	NA
Social sciences, total	92,418	80,485	89,908
Anthropology	726	NA	NA
Economics	37,515	NA	NA
Political science	713	NA	NA
Sociology	7,962	NA	NA
Social sciences, n.e.c.	45,502	NA	NA
Other sciences, n.e.c.	129,745	116,664	134,217

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 90 percent of total Federal applied research obligations to universities and colleges in fiscal years 1995, 1996, and 1997.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year)
n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-73. Federal obligations for applied research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1995

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	3,062,754	1,954,470	116,979	217,632	51,833	199,808	299,869	92,418	129,745
Departments:									
Department of Agriculture, total	237,983	165,207	0	15,255	3,047	1,230	16,009	37,235	0
Agricultural Marketing Service	481	481	0	0	0	0	0	0	0
Agricultural Research Service ¹	9,995	8,971	0	0	4	828	192	0	0
Cooperative State Research, Education, & Extension Service ²	210,475	144,494	0	15,255	1,893	0	15,445	33,388	0
Economic Research Service	2,865	0	0	0	0	0	0	2,865	0
Foreign Agricultural Service ³	28	28	0	0	0	0	0	0	0
Forest Service	13,989	11,233	0	0	1,150	257	372	977	0
Nat'l Agricultural Statistics Svc	145	0	0	0	0	145	0	0	0
Rural Business-Cooperative Svc ⁴	5	0	0	0	0	0	0	5	0
Department of Defense, total	349,195	34,184	6,573	18,688	21,778	164,391	101,108	86	2,387
Department of the Army	24,066	7,242	634	1,120	3,280	1,836	9,020	86	848
Department of the Navy	37,643	1,099	1,111	10,009	1,302	1,299	22,503	0	320
Department of the Air Force	31,533	697	4,828	3,726	0	1,864	20,418	0	0
Defense Agencies, total	255,953	25,146	0	3,833	17,196	159,392	49,167	0	1,219
Ballistic Missile Defense Organization	10,268	0	0	2,688	966	3,340	3,274	0	0
Defense Advanced Research Projects Agency ⁵	198,162	0	0	1,085	1,003	153,246	42,825	0	3
Defense Nuclear Agency	4,638	0	0	60	3,000	0	362	0	1,216
Washington Headquarters Svcs ⁶	42,885	25,146	0	0	12,227	2,806	2,706	0	0
Department of Energy	188,750	26,454	0	105,517	7,997	0	44,671	0	4,111
Dept of Health & Human Svcs, total	2,044,197	1,704,929	106,110	21,371	6,739	18,800	25,607	46,511	114,130
Administration on Aging	1,500	0	0	0	0	0	0	1,500	0
Admin for Children & Families	9,856	0	0	0	0	0	0	9,856	0
Agcy for Hlth Care Policy & Rsch	50,138	37,447	409	0	0	2,820	0	6,617	2,845
Centers for Disease Control & Prevention	31,700	31,700	0	0	0	0	0	0	0
Food & Drug Administration	9,856	9,856	0	0	0	0	0	0	0
Health Care Financing Admin	5,838	5,838	0	0	0	0	0	0	0
Health Resources & Services Admin	7,229	7,229	0	0	0	0	0	0	0
National Institutes of Health ⁷	1,925,342	1,612,859	105,701	21,371	6,739	15,980	25,607	25,800	111,285
Office of the Secretary	1,499	0	0	0	0	0	0	1,499	0
Social Security Administration ⁸	1,239	0	0	0	0	0	0	1,239	0
Other agencies:									
National Aeronautics & Space Admin	107,421	10,018	2,252	43,808	9,176	6,261	30,972	0	4,934
National Science Foundation	135,208	13,678	2,044	12,993	3,096	9,126	81,502	8,586	4,183

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.

⁴ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.

⁵ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁶ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁷ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁸ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

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Data for only those agencies that had obligations in the variables represented by this in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-74. Preliminary Federal obligations for applied research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1996

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	2,830,312	1,858,183	110,435	142,230	43,892	181,195	297,228	80,485	116,664
Departments:									
Department of Agriculture, total	230,973	161,211	0	14,761	3,220	1,218	15,494	35,069	0
Agricultural Research Service ¹	10,518	9,441	0	0	4	871	202	0	0
Cooperative State Research, Education, & Extension Service ²	204,417	140,517	0	14,761	1,821	0	14,920	32,398	0
Economic Research Service	1,694	0	0	0	0	0	0	1,694	0
Foreign Agricultural Service ³	266	266	0	0	0	0	0	0	0
Forest Service	13,988	10,987	0	0	1,395	257	372	977	0
Nat'l Agricultural Statistics Svc	90	0	0	0	0	90	0	0	0
Department of Defense, total	367,004	57,942	6,642	20,627	14,043	148,385	117,877	38	1,450
Department of the Army	18,795	10,232	715	535	1,027	1,186	4,595	38	467
Department of the Navy	45,468	1,328	1,341	12,090	1,573	1,569	27,181	0	386
Department of the Air Force	34,820	815	4,586	3,543	1,271	1,345	23,260	0	0
Defense Agencies, total	267,921	45,567	0	4,459	10,172	144,285	62,841	0	597
Ballistic Missile Defense Organization	13,286	0	0	3,550	0	3,240	6,496	0	0
Defense Advanced Research Projects Agency ⁴	182,297	0	0	897	787	132,736	47,632	0	245
Defense Nuclear Agency	768	0	0	12	0	0	404	0	352
Washington Headquarters Svcs ⁵	71,570	45,567	0	0	9,385	8,309	8,309	0	0
Department of Energy	93,837	28,210	0	27,428	7,931	0	30,018	0	250
Dept of Health & Human Svcs, total	1,896,731	1,587,914	99,444	20,106	6,340	16,361	24,091	36,451	106,024
Admin for Children & Families	7,304	0	0	0	0	0	0	7,304	0
Agcy for Hlth Care Policy & Rsch	22,115	16,586	0	0	0	1,327	0	2,875	1,327
Centers for Disease Control & Prevention	31,700	31,700	0	0	0	0	0	0	0
Food & Drug Administration	9,856	9,856	0	0	0	0	0	0	0
Health Care Financing Admin	5,200	5,200	0	0	0	0	0	0	0
Health Resources & Services Admin	7,197	7,197	0	0	0	0	0	0	0
National Institutes of Health ⁶	1,811,359	1,517,375	99,444	20,106	6,340	15,034	24,091	24,272	104,697
Office of the Secretary	2,000	0	0	0	0	0	0	2,000	0
Other agencies:									
National Aeronautics & Space Admin	107,421	10,018	2,252	43,808	9,176	6,261	30,972	0	4,934
National Science Foundation	134,346	12,888	2,097	15,500	3,182	8,970	78,776	8,927	4,006

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.

⁴ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁶ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 89 percent of total Federal applied research obligations to universities and colleges in fiscal year 1996.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-75. Preliminary Federal obligations for applied research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1997

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	3,087,270	2,072,889	128,003	144,016	38,357	177,055	302,825	89,908	134,217
Departments:									
Department of Agriculture, total	217,927	156,127	0	13,442	2,747	1,218	13,717	30,676	0
Agricultural Research Service ¹	10,518	9,441	0	0	4	871	202	0	0
Cooperative State Research, Education, & Extension Service ²	191,371	135,433	0	13,442	1,348	0	13,143	28,005	0
Economic Research Service	1,694	0	0	0	0	0	0	1,694	0
Foreign Agricultural Service ³	266	266	0	0	0	0	0	0	0
Forest Service	13,988	10,987	0	0	1,395	257	372	977	0
Nat'l Agricultural Statistics Svc	90	0	0	0	0	90	0	0	0
Department of Defense, total	320,953	36,915	6,791	19,513	8,650	141,954	106,639	49	442
Department of the Army	18,460	9,136	698	833	887	1,820	5,037	49	0
Department of the Navy	37,358	1,091	1,102	9,934	1,292	1,289	22,333	0	317
Department of the Air Force	32,913	152	4,991	3,405	0	1,417	22,948	0	0
Defense Agencies, total	232,222	26,536	0	5,341	6,471	137,428	56,321	0	125
Ballistic Missile Defense Organization	13,663	0	0	4,120	0	2,305	7,238	0	0
Defense Advanced Research Projects Agency ⁴	177,400	0	0	1,068	0	131,388	44,944	0	0
Defense Nuclear Agency	682	0	0	153	0	0	404	0	125
Washington Headquarters Svcs ⁵	40,477	26,536	0	0	6,471	3,735	3,735	0	0
Department of Energy	93,092	17,577	0	27,212	6,931	0	41,141	0	231
Dept of Health & Human Svcs, total	2,204,026	1,838,340	115,538	23,360	7,366	19,077	27,990	49,105	123,250
Admin for Children & Families	15,419	0	0	0	0	0	0	15,419	0
Agcy for Hlth Care Policy & Rsch	26,811	20,108	0	0	0	1,609	0	3,485	1,609
Centers for Disease Control & Prevention	31,700	31,700	0	0	0	0	0	0	0
Food & Drug Administration	9,856	9,856	0	0	0	0	0	0	0
Health Care Financing Admin	6,605	6,605	0	0	0	0	0	0	0
Health Resources & Services Admin	7,116	7,116	0	0	0	0	0	0	0
National Institutes of Health ⁶	2,104,519	1,762,955	115,538	23,360	7,366	17,468	27,990	28,201	121,641
Office of the Secretary	2,000	0	0	0	0	0	0	2,000	0
Other agencies:									
National Aeronautics & Space Admin	107,421	10,018	2,252	43,808	9,176	6,261	30,972	0	4,934
National Science Foundation	143,851	13,912	3,422	16,681	3,487	8,545	82,366	10,078	5,360

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.

⁴ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-76. Federal obligations for applied research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1995

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agricul-tural	Medical	Life sciences, n.e.c.
Total, all agencies	116,979	691	9,445	106,843	1,954,470	768,806	63,002	77,255	968,304	77,103
Departments:										
Department of Agriculture, total	0	0	0	0	165,207	37,535	46,838	76,281	4,548	5
Agricultural Marketing Service	0	0	0	0	481	0	0	481	0	0
Agricultural Research Service ¹	0	0	0	0	8,971	2,227	320	6,419	0	5
Cooperative State Research, Education, & Extension Service ²	0	0	0	0	144,494	29,141	41,452	69,353	4,548	0
Foreign Agricultural Service ³	0	0	0	0	28	0	0	28	0	0
Forest Service	0	0	0	0	11,233	6,167	5,066	0	0	0
Department of Defense, total	6,573	170	6,403	0	34,184	1,350	258	0	6,930	25,646
Department of the Army	634	0	634	0	7,242	880	0	0	6,362	0
Department of the Navy	1,111	170	941	0	1,099	470	128	0	501	0
Department of the Air Force	4,828	0	4,828	0	697	0	130	0	0	567
Defense Agencies, total	0	0	0	0	25,146	0	0	0	67	25,079
Washington Headquarters Svcs ⁴	0	0	0	0	25,146	0	0	0	67	25,079
Department of Energy	0	0	0	0	26,454	532	25	0	25,124	773
Dept of Health & Human Svcs, total	106,110	21	25	106,064	1,704,929	718,959	8,857	0	929,372	47,741
Agcy for Hlth Care Policy & Rsch	409	21	25	363	37,447	0	0	0	33,473	3,974
Centers for Disease Control & Prevention	0	0	0	0	31,700	0	0	0	31,700	0
Food & Drug Administration	0	0	0	0	9,856	9,856	0	0	0	0
Health Care Financing Admin	0	0	0	0	5,838	0	0	0	0	5,838
Health Resources & Services Admin	0	0	0	0	7,229	0	0	0	7,229	0
National Institutes of Health ⁵	105,701	0	0	105,701	1,612,859	709,103	8,857	0	856,970	37,929
Other agencies:										
National Aeronautics & Space Admin	2,252	0	2,177	75	10,018	5,895	39	974	2,330	780
National Science Foundation	2,044	500	840	704	13,678	4,535	6,985	0	0	2,158

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

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⁴ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁵ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

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SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-77. Federal obligations for applied research performed at universities and colleges
in physical and environmental sciences, by agency and detailed field of science:
fiscal year 1995**

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	217,632	26,039	49,650	134,174	7,769	51,833	10,543	13,484	6,982	20,824
Departments:										
Department of Agriculture, total	15,255	0	15,255	0	0	3,047	2,188	855	0	4
Agricultural Research Service ¹	0	0	0	0	0	4	0	0	0	4
Cooperative State Research, Education, & Extension Service ²	15,255	0	15,255	0	0	1,893	1,893	0	0	0
Forest Service	0	0	0	0	0	1,150	295	855	0	0
Department of Defense, total	18,688	0	3,021	14,688	979	21,778	3,117	4,107	6,183	8,371
Department of the Army	1,120	0	1,003	117	0	3,280	750	65	39	2,426
Department of the Navy	10,009	0	930	8,857	222	1,302	245	117	940	0
Department of the Air Force	3,726	0	0	3,726	0	0	0	0	0	0
Defense Agencies, total	3,833	0	1,088	1,988	757	17,196	2,122	3,925	5,204	5,945
Ballistic Missile Defense Organization	2,688	0	1,088	1,100	500	966	966	0	0	0
Defense Advanced Research Projects Agency ³	1,085	0	0	888	197	1,003	0	1,003	0	0
Defense Nuclear Agency	60	0	0	0	60	3,000	0	0	0	3,000
Washington Headquarters Svcs ⁴	0	0	0	0	0	12,227	1,156	2,922	5,204	2,945
Department of Energy	105,517	0	5,736	97,148	2,633	7,997	221	6,502	0	1,274
Dept of Health & Human Svcs, total	21,371	0	18,483	2,888	0	6,739	0	0	0	6,739
National Institutes of Health ⁵	21,371	0	18,483	2,888	0	6,739	0	0	0	6,739
Other agencies:										
National Aeronautics & Space Admin	43,808	26,029	591	15,936	1,252	9,176	4,989	171	131	3,885
National Science Foundation	12,993	10	6,564	3,514	2,905	3,096	28	1,849	668	551

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁴ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁵ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 90 percent of total Federal applied research obligations to universities and colleges in fiscal year 1995.

Data for only those agencies that had obligations in the variables represented by this in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-78. Federal obligations for applied research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1995

[Dollars in thousands]

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Agency and subdivision	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metal- lurgy and materials	Engi- neering, n.e.c.
Total, all agencies	299,869	10,020	6,067	30,262	15,630	35,787	21,911	59,616	120,576
Departments:									
Department of Agriculture, total	16,009	0	0	0	0	0	0	0	16,009
Agricultural Research Service ¹	192	0	0	0	0	0	0	0	192
Cooperative State Research, Education, & Extension Service ²	15,445	0	0	0	0	0	0	0	15,445
Forest Service	372	0	0	0	0	0	0	0	372
Department of Defense, total	101,108	5,134	4,982	1,079	5,688	19,953	7,668	33,428	23,176
Department of the Army	9,020	291	12	296	4,167	1,854	966	543	891
Department of the Navy	22,503	561	3,527	561	1,043	8,059	4,788	3,813	151
Department of the Air Force	20,418	4,282	1,193	0	478	3,529	1,814	9,122	0
Defense Agencies, total	49,167	0	250	222	0	6,511	100	19,950	22,134
Ballistic Missile Defense Organization	3,274	0	250	222	0	1,631	43	1,128	0
Defense Advanced Research Projects Agency ³	42,825	0	0	0	0	4,575	0	18,822	19,428
Defense Nuclear Agency	362	0	0	0	0	305	57	0	0
Washington Headquarters Svcs ⁴	2,706	0	0	0	0	0	0	0	2,706
Department of Energy	44,671	0	0	13,952	4,368	2,948	64	395	22,944
Dept of Health & Human Svcs, total	25,607	0	0	0	0	0	0	0	25,607
National Institutes of Health ⁵	25,607	0	0	0	0	0	0	0	25,607
Other agencies:									
National Aeronautics & Space Admin	30,972	4,886	1,085	497	1,040	2,953	1,974	10,251	8,286
National Science Foundation	81,502	0	0	14,734	4,534	9,933	12,205	15,542	24,554

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁴ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁵ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 90 percent of total Federal applied research obligations to universities and colleges in fiscal year 1995.

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SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-79. Federal obligations for applied research performed at universities and colleges
in mathematics and computer sciences and in social sciences,
by agency and detailed field of science:
fiscal year 1995**

[Dollars in thousands]

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Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathe- matics	Computer sciences	Mathe- matics and com- puter sciences, n.e.c.	Total	Anthro- pology	Econom- ics	Politi- cal science	Soci- ology	Social sciences, n.e.c.
Total, all agencies	199,808	14,189	176,512	9,107	92,418	726	37,515	713	7,962	45,502
Departments:										
Department of Agriculture, total	1,230	402	828	0	37,235	0	32,545	0	4,690	0
Agricultural Research Service ¹	828	0	828	0	0	0	0	0	0	0
Cooperative State Research, Education, & Extension Service ²	0	0	0	0	33,388	0	28,838	0	4,550	0
Economic Research Service	0	0	0	0	2,865	0	2,865	0	0	0
Forest Service	257	257	0	0	977	0	837	0	140	0
Nat'l Agricultural Statistics Svc	145	145	0	0	0	0	0	0	0	0
Rural Business-Cooperative Svc ³	0	0	0	0	5	0	5	0	0	0
Department of Defense, total	164,391	4,250	155,904	4,237	86	0	52	0	34	0
Department of the Army	1,836	75	840	921	86	0	52	0	34	0
Department of the Navy	1,299	38	1,193	68	0	0	0	0	0	0
Department of the Air Force	1,864	703	916	245	0	0	0	0	0	0
Defense Agencies, total	159,392	3,434	152,955	3,003	0	0	0	0	0	0
Ballistic Missile Defense Organization	3,340	250	3,090	0	0	0	0	0	0	0
Defense Advanced Research Projects Agency ⁴	153,246	3,184	149,865	197	0	0	0	0	0	0
Washington Headquarters Svcs ⁵	2,806	0	0	2,806	0	0	0	0	0	0
Dept of Health & Human Svcs, total	18,800	8,022	10,778	0	46,511	0	3,119	108	1,915	41,369
Administration on Aging	0	0	0	0	1,500	0	0	0	0	1,500
Admin for Children & Families	0	0	0	0	9,856	0	0	0	0	9,856
Agcy for Hlth Care Policy & Rsch	2,820	128	2,692	0	6,617	0	3,119	108	1,915	1,475
National Institutes of Health ⁶	15,980	7,894	8,086	0	25,800	0	0	0	0	25,800
Office of the Secretary	0	0	0	0	1,499	0	0	0	0	1,499
Social Security Administration ⁷	0	0	0	0	1,239	0	0	0	0	1,239
Other agencies:										
National Aeronautics & Space Admin	6,261	80	5,061	1,120	0	0	0	0	0	0
National Science Foundation	9,126	1,435	3,941	3,750	8,586	726	1,799	605	1,323	4,133

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.

⁴ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁶ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁷ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

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